

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER I-08-024

Relating to Independent Contractor Approval under  
Section 91207, Title 17, California Code of Regulations

Energy Environmental Solutions, Incorporated

WHEREAS, the Air Resources Board (ARB), pursuant to section 41512 of the California Health and Safety Code, has established the procedures contained in sections 91200-91220, title 17, California Code of Regulations, to allow the use of independent testers for compliance tests required by ARB;

WHEREAS, it has been determined that Energy Environmental Solutions, Incorporated meets the requirements of ARB for conducting ARB Test Methods 1, 2, 3, 4, 5, 8, 100 (CO, CO<sub>2</sub>, NO<sub>x</sub>, O<sub>2</sub>, SO<sub>2</sub>, THC) and Visible Emissions Evaluation (VEE) pursuant to sections 91200-91220, title 17, California Code of Regulations when the following conditions are met:

1. Energy Environmental Solutions, Incorporated permanently marks or engraves an identification number on the body of each of its pitot tubes;
2. Energy Environmental Solutions, Incorporated calibrates its differential pressure gauges after each test series in accordance with section 2.2 of ARB Test Method 2, and establishes and maintains a log of the calibrations;
3. Energy Environmental Solutions, Incorporated calibrates its metering system as required by section 5.3 of ARB Test Method 5, and establishes and maintains a log of the calibrations;
4. Energy Environmental Solutions, Incorporated permanently and uniquely identifies its isokinetic nozzles;
5. Energy Environmental Solutions, Incorporated calibrates and repairs its nozzles used in isokinetic testing as required by section 5.1 of ARB Test Method 5, and establishes and maintains a log of the calibrations which shall include notes on the repairs on each nozzle;
6. Energy Environmental Solutions, Incorporated calibrates its probe heater used in conducting ARB Test Method 5 as required by section 5.4 of that method, and establishes and maintains a log of the calibrations;
7. Energy Environmental Solutions, Incorporated acquires and uses brushes for its probes and nozzles which conform with the requirements of section 2.2.1 of ARB Test Method 5;
8. Energy Environmental Solutions, Incorporated acquires and uses ASTM E617 Class 1 weights for calibrating its balances. It must also establish and maintain a log of the calibrations;

9. Energy Environmental Solutions, Incorporated acquires and uses Isopropanol as required by ARB Test Method 8;
10. Energy Environmental Solutions, Incorporated acquires and uses Barium Perchlorate as required by section 3.3.4 of ARB Test Method 8;
11. Energy Environmental Solutions, Incorporated acquires and uses Sulfuric Acid as required by section 3.3.5 of ARB Test Method 8;
12. Energy Environmental Solutions, Incorporated acquires and uses Hydrogen Peroxide as required by section 3.1.5 of ARB Test Method 8;
13. Energy Environmental Solutions, Incorporated uses noncalculating channels on its data acquisition system or a simple strip chart that meets the requirements of ARB Test Method 100, Section 2.2.8;
14. Energy Environmental Solutions, Incorporated shall use Mr. Ken Kumar as the Source Test Engineer, on site, in charge of, and participating in, all testing using any of the above methods. Mr. Ken Kumar shall also review all test reports using any of these methods;
15. The person performing VEE passed ARB's Compliance Training Course #100: Fundamentals of Enforcement (FOE)/Visible Emissions Evaluation (Smoke School) and is currently certified to conduct VEE. Any subsequent recertification must be from a certifying body recognized by ARB at the time VEE reader conducts the VEE test;

WHEREAS, ARB's Executive Officer, pursuant to Health and Safety Code section 39516, issued Executive Order G-02-008, delegating to the Chief of ARB's Monitoring and Laboratory Division the authority to approve independent testers in accordance with title 17, California Code of Regulations, sections 91200-91220.

NOW, THEREFORE, I, William V. Loscutoff, Chief of ARB's Monitoring and Laboratory Division, order that Energy Environmental Solutions, Incorporated is granted an approval, from the date of execution of this order, until June 30, 2009, to conduct the tests listed above, subject to compliance with sections 91200-91220, title 17, California Code of Regulations.

BE IT FURTHER ORDERED that during the approved period the Executive Officer or his authorized representative may field audit one or more tests conducted pursuant to this order for each type of testing listed above.

Executed at Sacramento, California this 9<sup>th</sup> day of May 2008.

*Original signed by*

William V. Loscutoff, Chief  
Monitoring and Laboratory Division